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PATENT  
Docket No. SPLX.P0089

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In the application of:

Steven Teig

Serial No.: 10/047,978

Filing Date: 1/13/02

For: **PROBABILISTIC ROUTING METHOD  
AND APPARATUS**

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

11/12/2003 SSANDARA 00000010 10047978

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Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, applicants submit with this Information Disclosure Statement the attached Form PTO-1449, and copies of the documents listed in the 1449 form for consideration by the Examiner. The Examiner is requested to make these documents of record. Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to

the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

This Information Disclosure Statement is submitted: After receipt of a first Office Action on the merits but before a final Office Action or Notice of Allowance. A fee is required. A fee in the amount of \$180 is enclosed.

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Dated: November 5, 2003

Respectfully submitted,

By: \_\_\_\_\_

**Mani Adeli**

Registration No. 39,585

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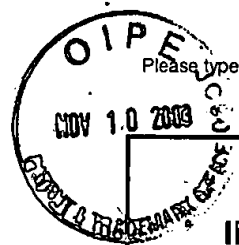
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/047,978
	Filing Date	1/13/02
	First Named Inventor	Steven Teig
	Group Art Unit	2812
	Examiner Name	Stacy A. Whitmore
Total Number of Pages in This Submission	Attorney Docket Number	SPLX.P0089

Enclosures (Check all that apply)		
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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Application Number</b>	10/047,978
				<b>Filing Date</b>	1/13/02
				<b>First Named Inventor</b>	Steven Teig
				<b>Group Art Unit</b>	2812
				<b>Examiner Name</b>	Stacy A. Whitmore
<b>Sheet</b>	2	of	6	<b>Attorney Docket Number</b>	SPLX.P0089

U.S. PATENT DOCUMENTS						
	22.	6,330,707		12-11-2001	Shinomiya et al.	
	23.	6,407,434	B1	06-18-2002	Rostoker et al.	
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	28.	6,480,991	B1	11-12-2002	Cho et al.	
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	30.	6,546,540	B1	04-08-2003	Igarashi et al.	
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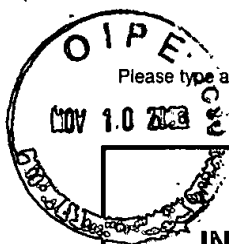
FOREIGN PATENT DOCUMENTS								
Examiner* Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code (if known) <sup>5</sup>				
	33.	JP	411296560	A	10-29-1999	Matsumoto et al.	with English translation of Abstract;	
	34.	JP	2000-82743	A	03-21-2000	Igarashi et al.	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	√
	35.	JP	H03-173471	A	07-26-1991	Tawada et al.	with Japanese Patent Office's English translation of Abstract; and with English	√

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				<b>Filing Date</b>	1/13/02
				<b>First Named Inventor</b>	Steven Teig
				<b>Group Art Unit</b>	2812
				<b>Examiner Name</b>	Stacy A. Whitmore
<b>Sheet</b>	3	of	6	<b>Attorney Docket Number</b>	SPLX.P0089

FOREIGN PATENT DOCUMENTS								translation of the application.	
36.	JP	H05-243379	A	09-21-1993	Masako Kuboto			with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
37.	JP	H05-102305	A	04-23-1993	Akihiro Sato			with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
38.	JP	H07-86407	A	03-31-1995	Shinpei Miura			with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
39.	JP	H09-162279	A	06-20-1997	Masaaki Yohsida			with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓

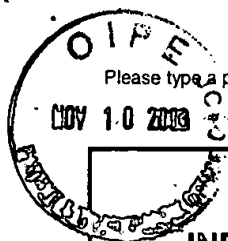
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<b>Sheet</b>	4	of	6	<b>Attorney Docket Number</b>	SPLX.P0089

NON PATENT LITERATURE DOCUMENTS				
Examiner* Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>	
	40.	Ahuja, R. et al., Faster Algorithms for the Shortest Path Problem, Journal of the Association for Computing Machinery, vol. 37, No. 2, April 1990, pp. 213-223.		
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<b>Sheet</b>	5	<b>of</b>	6	<b>Attorney Docket Number</b>	SPLX.P0089

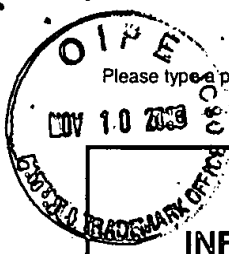
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68.	Wang, D., Novel Routing Schemes for IC Layout, Part I: Two-Layer Channel Routing, 28 <sup>th</sup> ACM/IEEE Automation Conference, 1991, pp. 49-53.		
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70.	Wood, G. et al., FPGA Routing and Routability Estimation Via Boolean Satisfiability, Department of Electrical and Computer Engineering Carnegie Mellon University, Pittsburgh, PA, pp. 119-125.		
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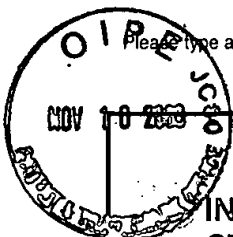
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	6	Application Number	10/047,978
				Filing Date	1/13/02
				First Named Inventor	Steven Teig
				Group Art Unit	2812
				Examiner Name	Stacy A. Whitmore
				Attorney Docket Number	SPLX.P0089

## U.S. PATENT DOCUMENTS

Examiner* Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1.	2001/0009 031	A1	07-19-2001	Nitta et al.	
	2.	4,593,363		06-03-1986	Burstein et al.	
	3.	5,267,176		11-30-1993	Antreich et al.	
	4.	5,566,078		10-15-1996	Ding et al.	
	5.	5,618,744		04-08-1997	Suzuki et al.	
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	12.	6,070,108		05-30-2000	Andreev et al.	
	13.	6,150,193		11-21-2000	Glenn	
	14.	6,209,123	B1	03-27-2001	Maziasz et al.	
	15.	6,219,832	B1	04-17-2001	Buzbee	
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	21.	6,324,675	B1	11-27-2001	Dutta et al.	

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